



# Test Report

Report No. A2190297869149

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**Applicant** NAIKA ENTERPRISE

**Address** MARTINUS NIJHOFFLAAN 352, ZIPCODE:2624MG

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

Sample Name	PLUSH TOY
Item No.	YZDDAN2005-3
P.O. No.	YZDDAN2005-3
Buyer	Naika Enterprise
Manufacturer	Yangzhou Dadong
Supplier	Yangzhou Dadong
Country of Origin	China
Exported to	Netherlands
Quantity Of Sample	3pcs
Client Specified Age Grading	0+
Labeled Age Grading	NOT STATED
Age Group Applied in Testing	ALL AGES
Sample Received Date	Jun. 3, 2020
Further Information Date	Jun. 5, 2020/Jun. 12, 2020
Testing Period	Jun. 3, 2020 to Jun. 12, 2020

**Test Conducted:**

As requested by the applicant. For details refer to next page(s)



*Chen Kaimin*

Chen Kaimin  
Authorized Signatory

Date Jun. 12, 2020

No. T227291158

Centre Testing International Pinbiao(Shanghai) Co., Ltd. No.1351, Wanfang Road, Minhang District, Shanghai, China

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## Executive Summary:

### TEST REQUEST

European Standard on Safety of Toys

- EN 71-1:2014+A1:2018(E) Mechanical and Physical Properties
- EN 71-2:2011+A1:2014 Flammability of Toys
- Labeling requirement (Washing Label, CE mark, Manufacture/Importer mark and product identification)—Directive 2009/48/EC Safety of toys
- EN 71-3:2019 Migration of certain elements

### CONCLUSION

**PASS**

**PASS**

**REFER TO  
NEXT PAGES**

**PASS**

\*\*\*\*\* For further details, please refer to the following page(s)\*\*\*\*\*

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## European Standard on Safety of Toys

### ▼ Mechanical and physical properties

As specified in European Standard on Safety of Toys EN 71-1:2014+A1:2018 (E)

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness.....	Pass
4.7	Edges .....	Pass
4.8	Points and metallic wires .....	Pass
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2) .....	Pass
5.1b	Torque test (Test method 8.3) .....	Pass
	Tension test (Test method 8.4) .....	Pass
	Drop test (Test method 8.5) .....	Pass
	Impact test (Test method 8.7) .....	Pass
	Sharp edge (Test method 8.11) .....	Pass
	Sharp point (Test method 8.12) .....	Pass
5.2	Soft-filled toys and soft-filled parts of a toy .....	Pass

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▼ **Flammability of Toys**

As specified in European Standard on Safety of Toys EN 71-2:2011+A1:2014.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General ..... (The following materials shall not be used in the manufacture of toys except as provided in EN 71-2:2011+A1:2014 : Celluloid, materials with the same behaviour in fire as celluloid, materials with a piled surface which produce surface flash, flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels.)	Pass
4.5	Soft-filled toys .....	Pass (See Note 1)

Note 1:

(Clause 4.5)Soft-filled Toys

<u>Sample</u>	<u>Burning rate (mm/sec)</u>
Plush toy	0

(The rate of spread of flame on the surface of toy shall be not greater than 30 mm/sec)

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**▼ Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC – Safety of toys**

Summary table:

	Observation Result	Location
Washing / Cleaning instruction	Found	Affixed label
CE mark	Found	Affixed label
Importer's Name & Address	Found	Affixed label
Manufacturer's Name & Address	Found	Affixed label
Product ID	Found	Affixed label

Note:

①: A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy shall, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.

②: Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principle set out in Article 30 of Regulation (EC) NO 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CE marking may alternatively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.

③: The manufacturer's name registered trade name or registered trade mark and the address at which the manufacture can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.

④: Manufacturer must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

Remark:

The evaluation or testing related to packaging or labeling is based on the artwork submitted by the applicant rather than on the actual sample of packaging or labeling.

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▼ **Migration of certain elements**

Method(s) EN 71-3:2019 was/were used, and the item(s) was/were determined by ICP-OES, ICP-MS, IC-UV and/or GC-MS.

**Category III:scraped-off toy material**

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>						<u>MDL</u>	<u>Limit</u>
	001	002	003	004	005	006	(mg/kg)	(mg/kg)
Aluminium (Al)	N.D.	N.D.	N.D.	N/A	N/A	63	50	70000
Antimony (Sb)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	560
Arsenic (As)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	47
Barium (Ba)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	50	18750
Boron (B)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	1	17
Chromium (Cr) <sup>#1</sup>	0.219	N.D.	N.D.	N/A	N/A	0.355	0.004	--
Chromium (III) <sup>#2</sup>	0.219	--	--	N/A	N/A	0.355	--	460
Chromium (VI)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	0.005	0.053
Cobalt (Co)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	130
Copper (Cu)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	50	7700
Lead (Pb)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	23
Manganese (Mn)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	930
Selenium (Se)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	50	56000
Tin (Sn) <sup>#3</sup>	N.D.	N.D.	N.D.	N/A	N/A	N.D.	2	180000
Organic tin (TBT) <sup>#4</sup>	--	--	--	N/A	N/A	--	1	12
Zinc (Zn)	N.D.	N.D.	N.D.	N/A	N/A	N.D.	50	46000

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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- N/A=Not Applicable, indicates the test portion(s) is/are less than 10mg, therefore such components was/were not tested for migration of certain elements, as specified in the European standard on safety of toys EN 71-3:2019, clause 7 – selection of test portions.
- Filter paper was used instead of membrane filter in lab testing.
- Where the test portion has a mass of between 10mg and 100mg,the quantity of theappropriate elements shall be calculated as if 100mg of the test portion had been used.
- <sup>#1</sup>Chromium (Cr) content can be used for screen test for hexavalent chromium and trivalent chromium analysis and to show compliance with the requirement of EN 71-3:2019.
- <sup>#2</sup>Trivalent chromium (Cr (III)) = Chromium (Cr) - Hexavalent chromium (Cr (VI)) , where the chromium content exceeded the limits of hexavalent chromium and/or trivalent chromium, then hexavalent chromium was analyzed by IC-UV and trivalent chromium content was calculated using the formula.
- <sup>#3</sup>Tin (Sn) content can be used for screen test for organic tins analysis to show compliance with the requirement of EN 71-3:2019.
- <sup>#4</sup>The migration of organic tin is expressed as tributyltin (TBT). Where the tin content exceeded the limit of organic tin, eleven organic tins listed in the table were determined by GC-MS and the client should note there are other organic tins that may be present in toy materials.

Organic tins tested under EN 71-3:2019
Methyl tin (MeT)
Butyl tin (BuT)
Dibutyl tin (DBT)
Tributyl tin (TBT)
Tetrabutyl tin (TeBT)
n-Octyl tin (MOT)
Di-n-octyl tin (DOT)
Di-n-propyl tin (DProT)
Diphenyl tin (DPhT)
Triphenyl tin (TPhT)
Dimethyltin (DMT)

Note:

- Only applicable clause(s) was/were shown

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## Tested Sample/Part Description

- 001 Grey plush(body)
- 002 Khaki flannelette(ears & teeth & soles)
- 003 Black embroidery thread(eyes) (sample weight: 37mg)
- 004 White embroidery thread(eyes)
- 005 Multi-color coating(eyes)
- 006 White fabric(eyes)



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## Photo(s) of the sample(s)



### Statement:

- 1.This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2.The sample(s) and sample Information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full.

\*\*\* End of Report \*\*\*